

FIG. 1A

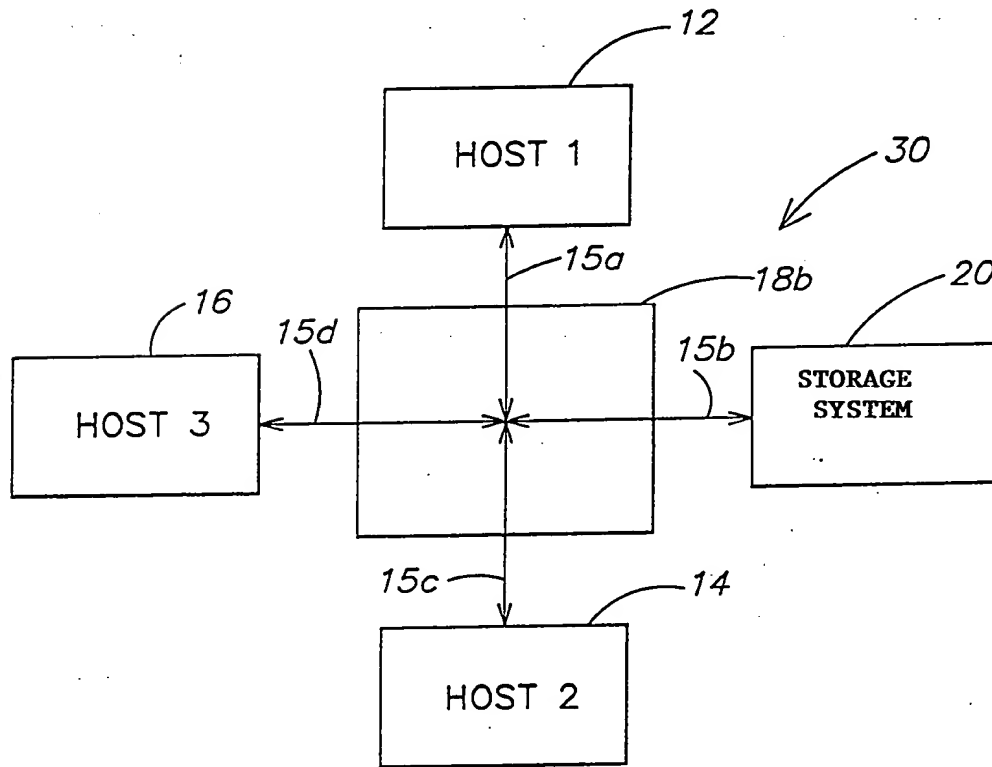


FIG. 1B

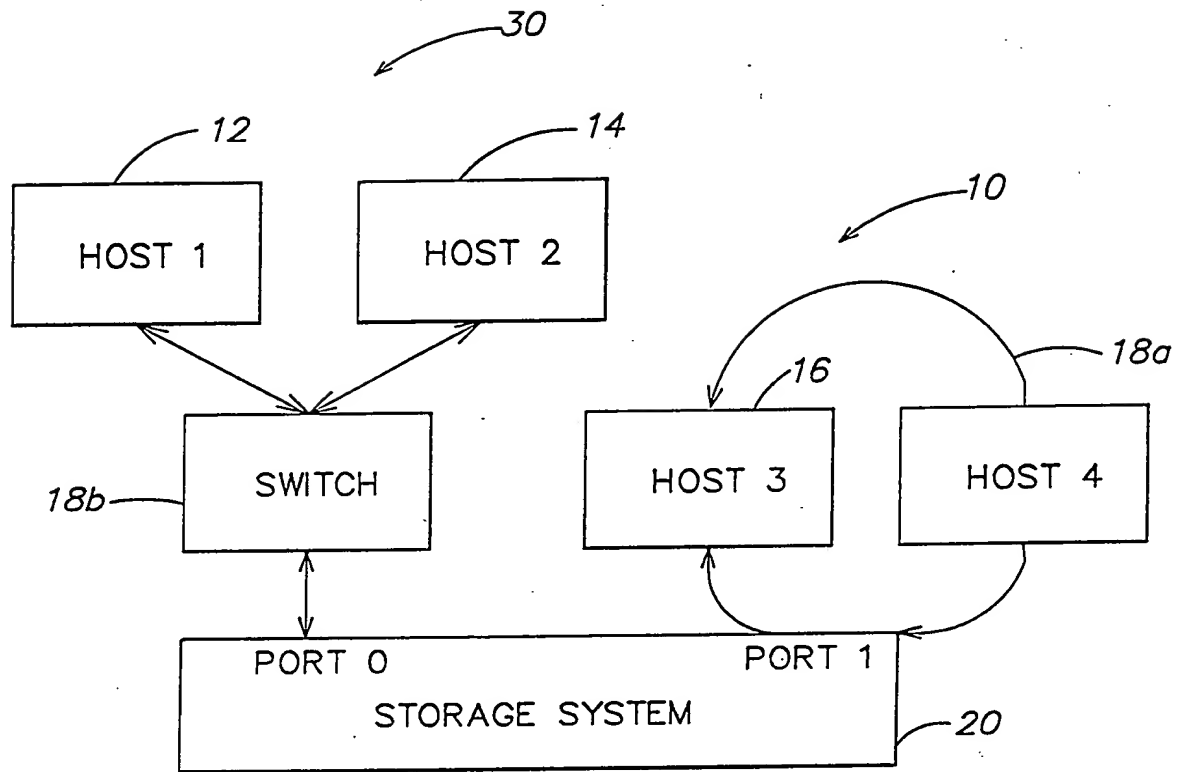


FIG. 1C

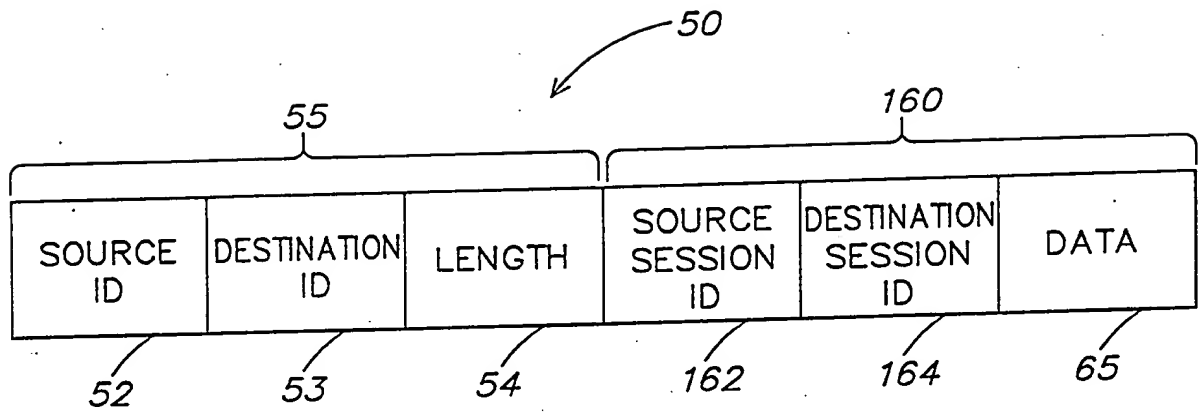


FIG. 2

4/27

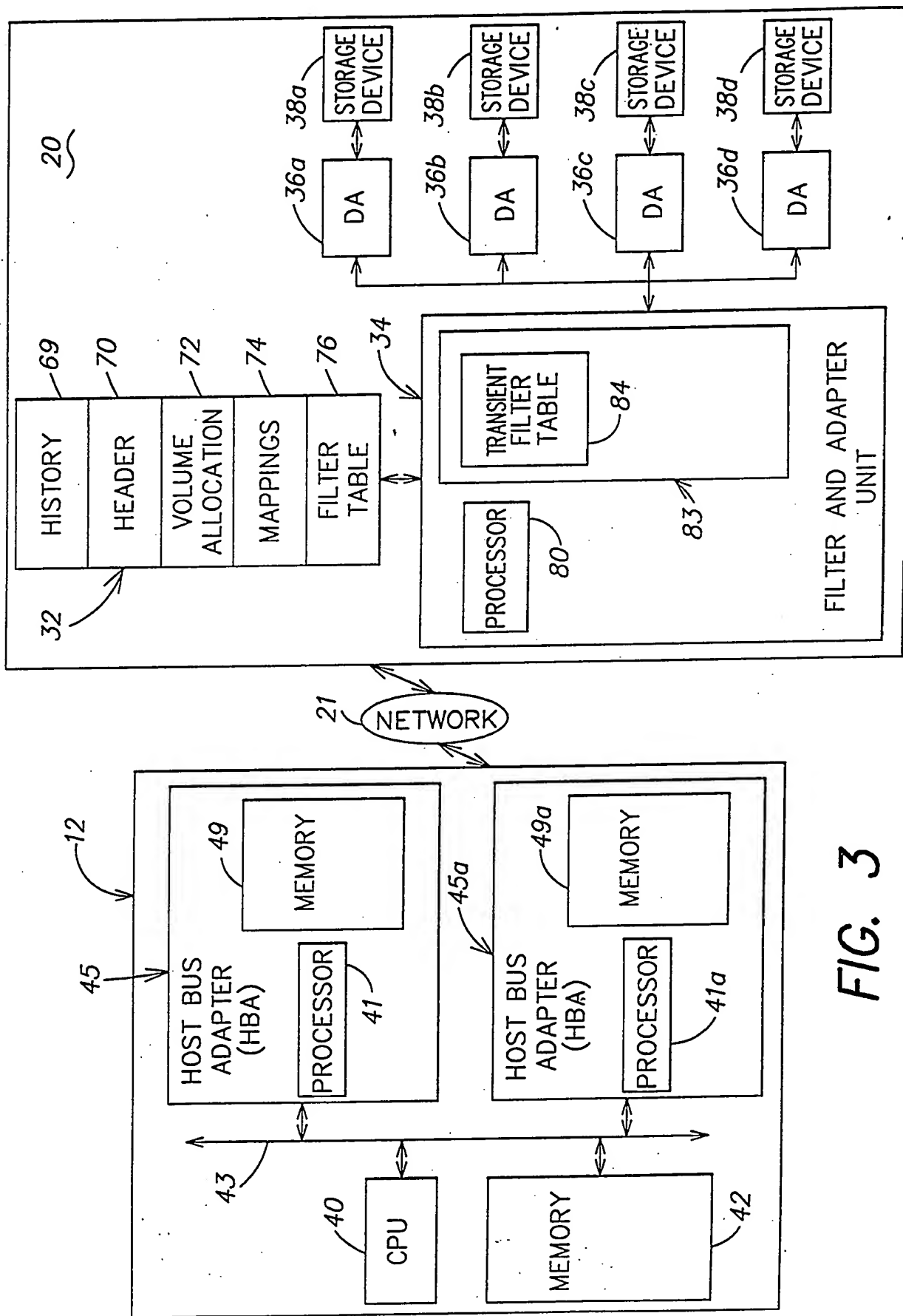


FIG. 3

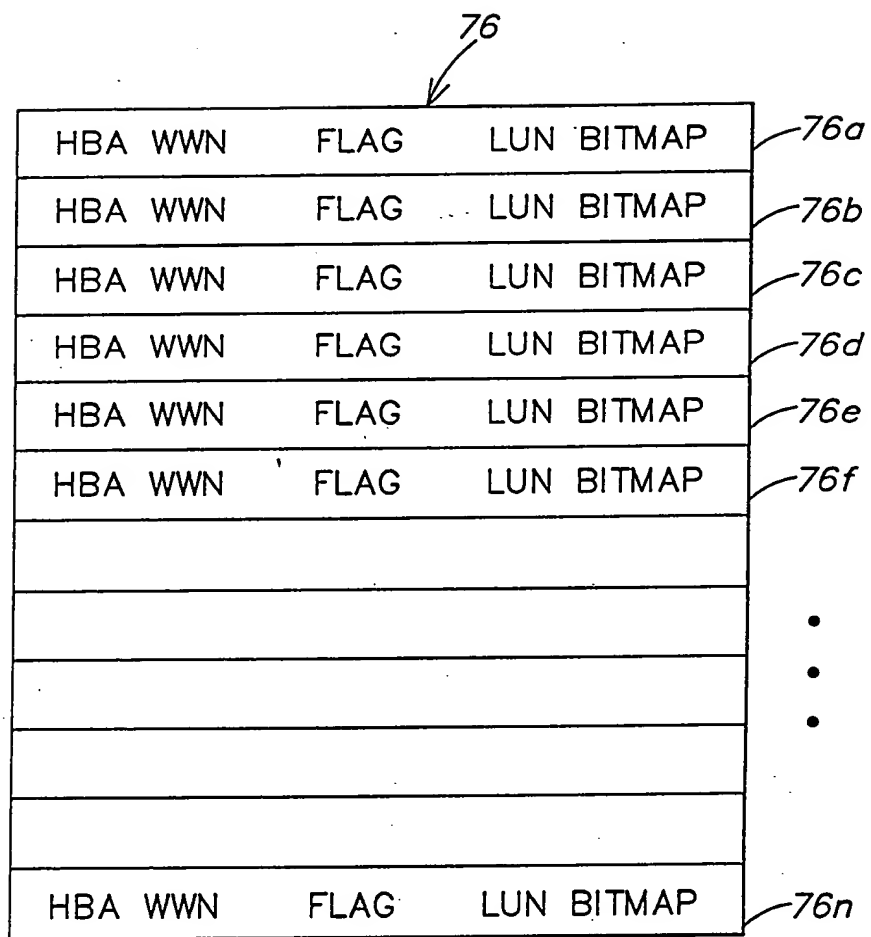


FIG. 4

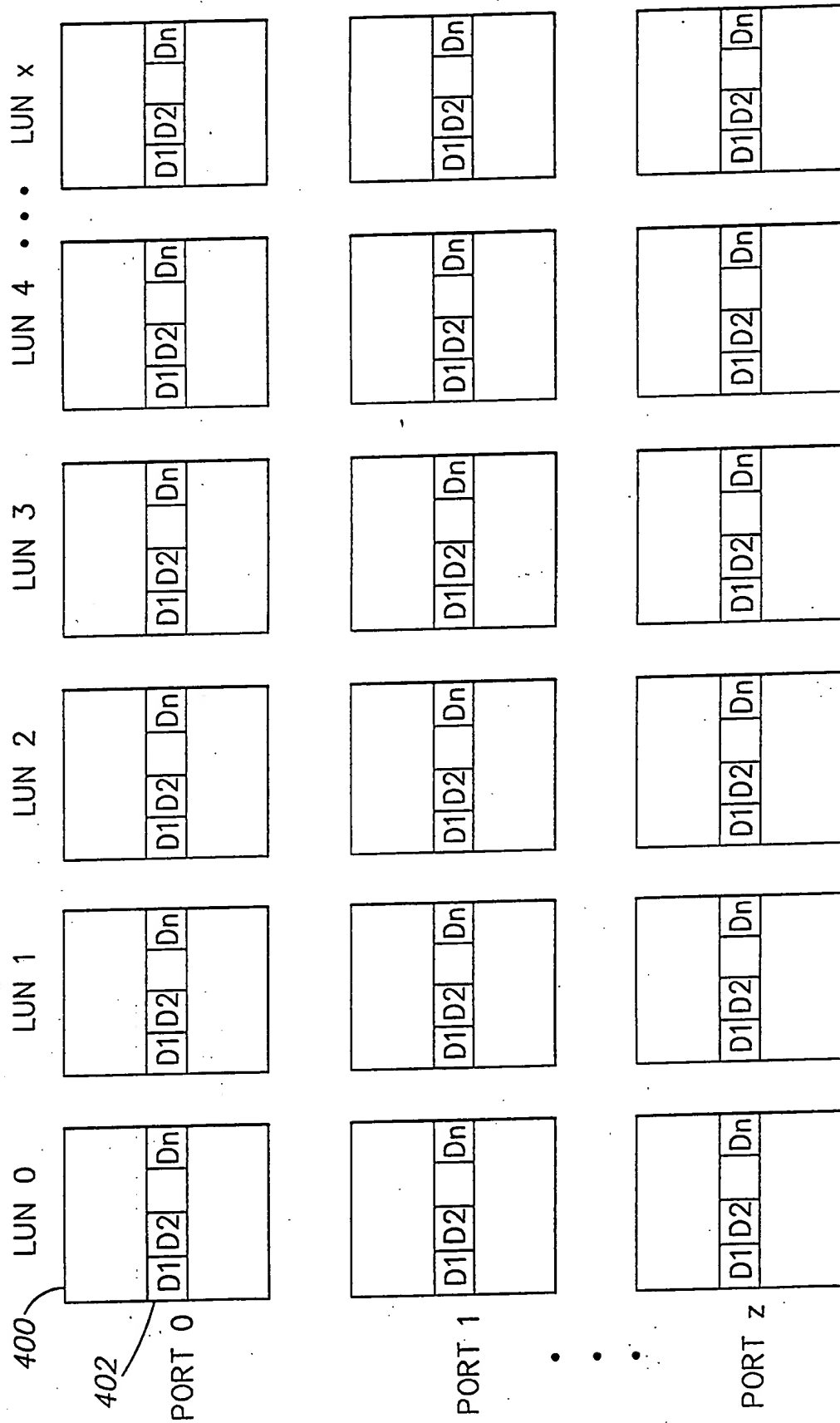


FIG. 5

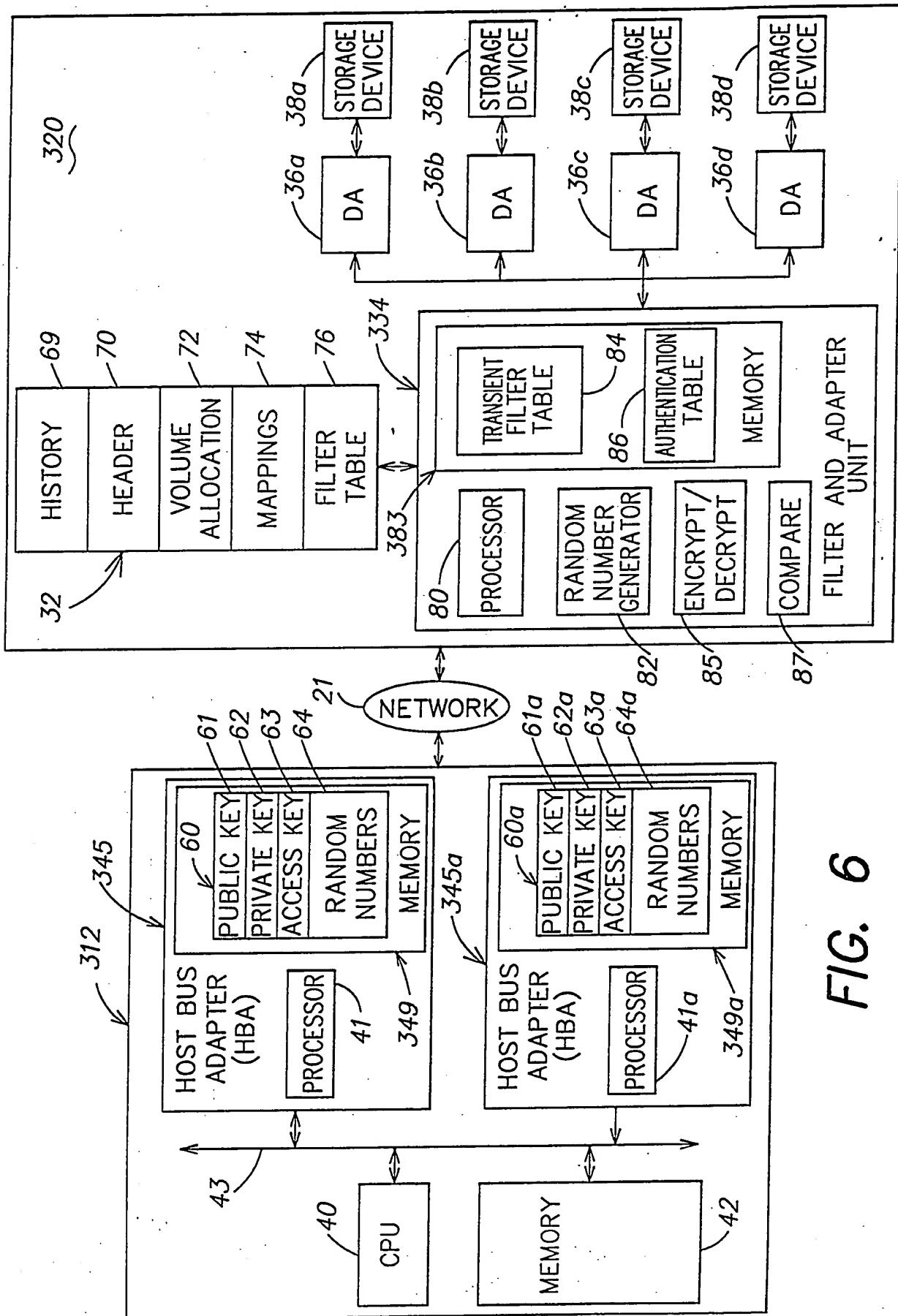


FIG. 6

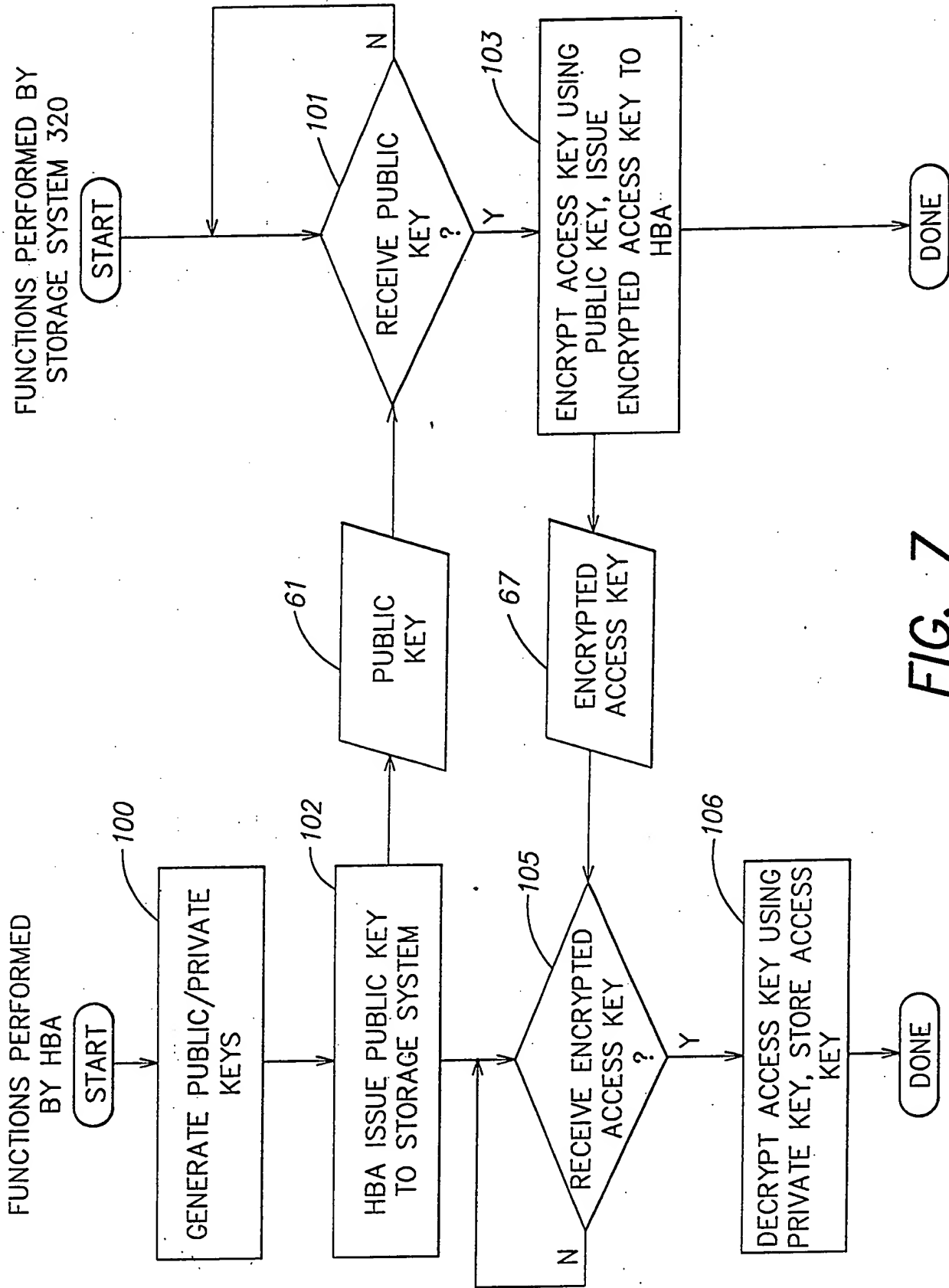


FIG. 7



FUNCTIONS  
PERFORMED  
BY HBA

FUNCTIONS PERFORMED  
BY STORAGE SYSTEM

320

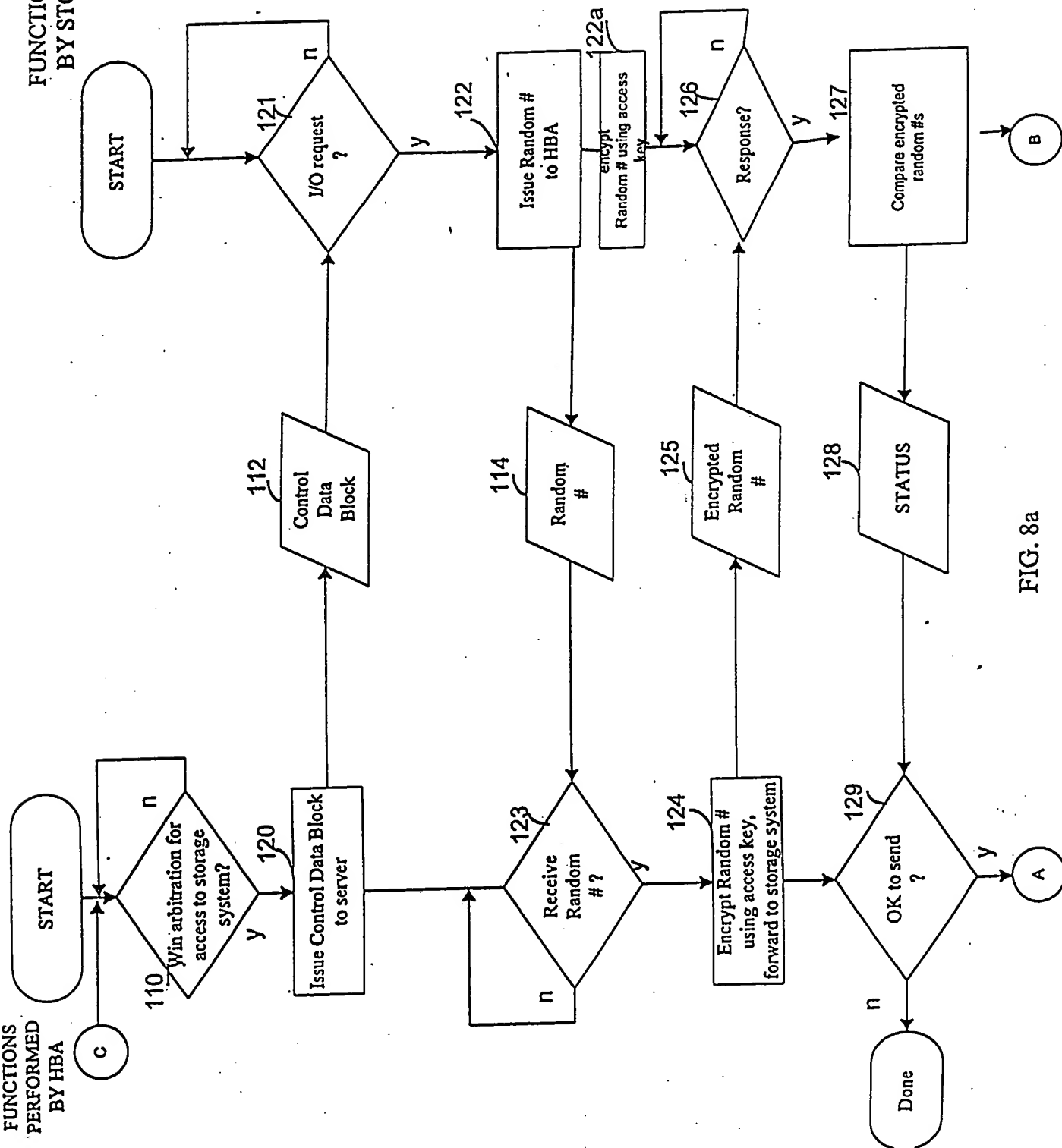


FIG. 8a

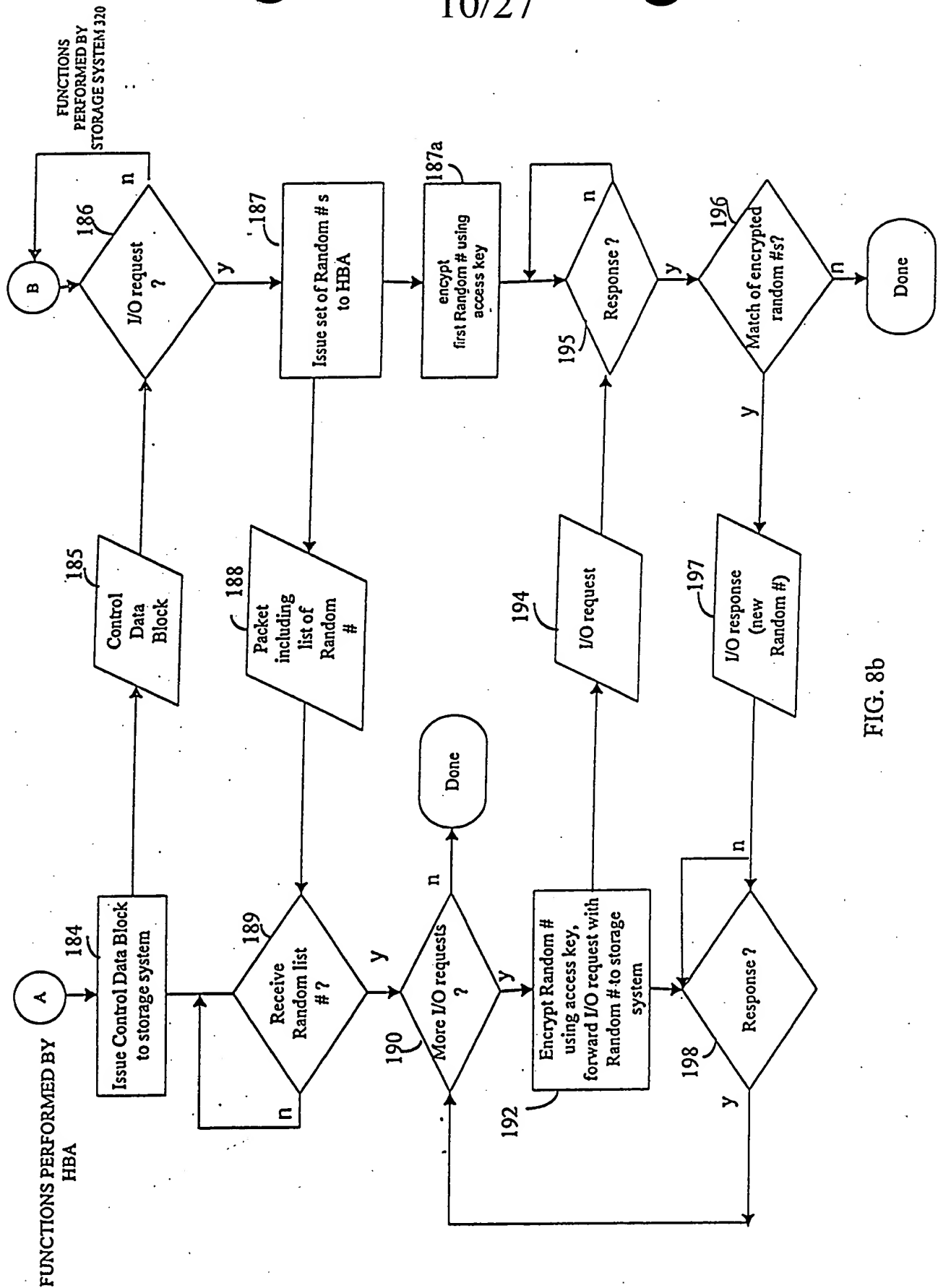


FIG. 8b

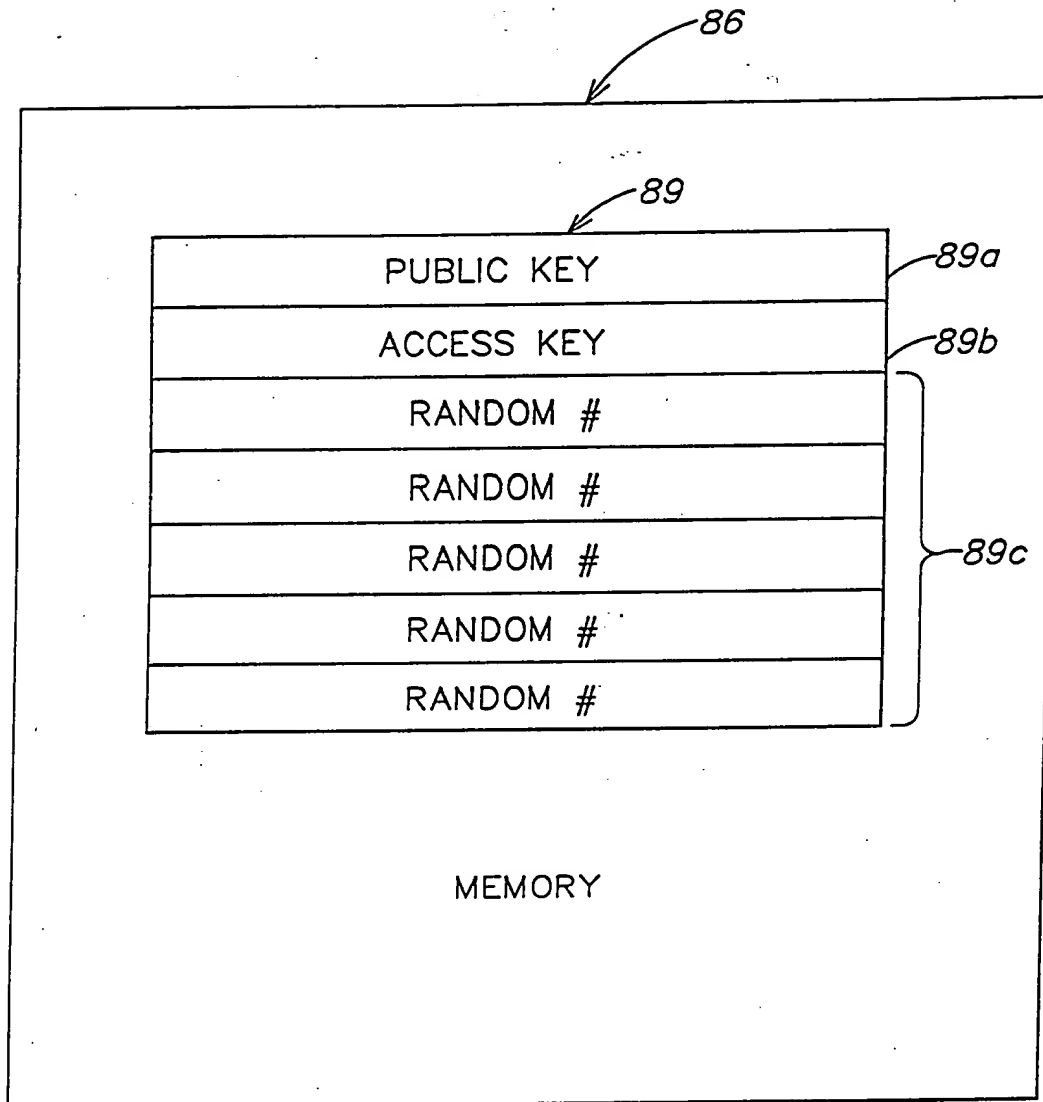
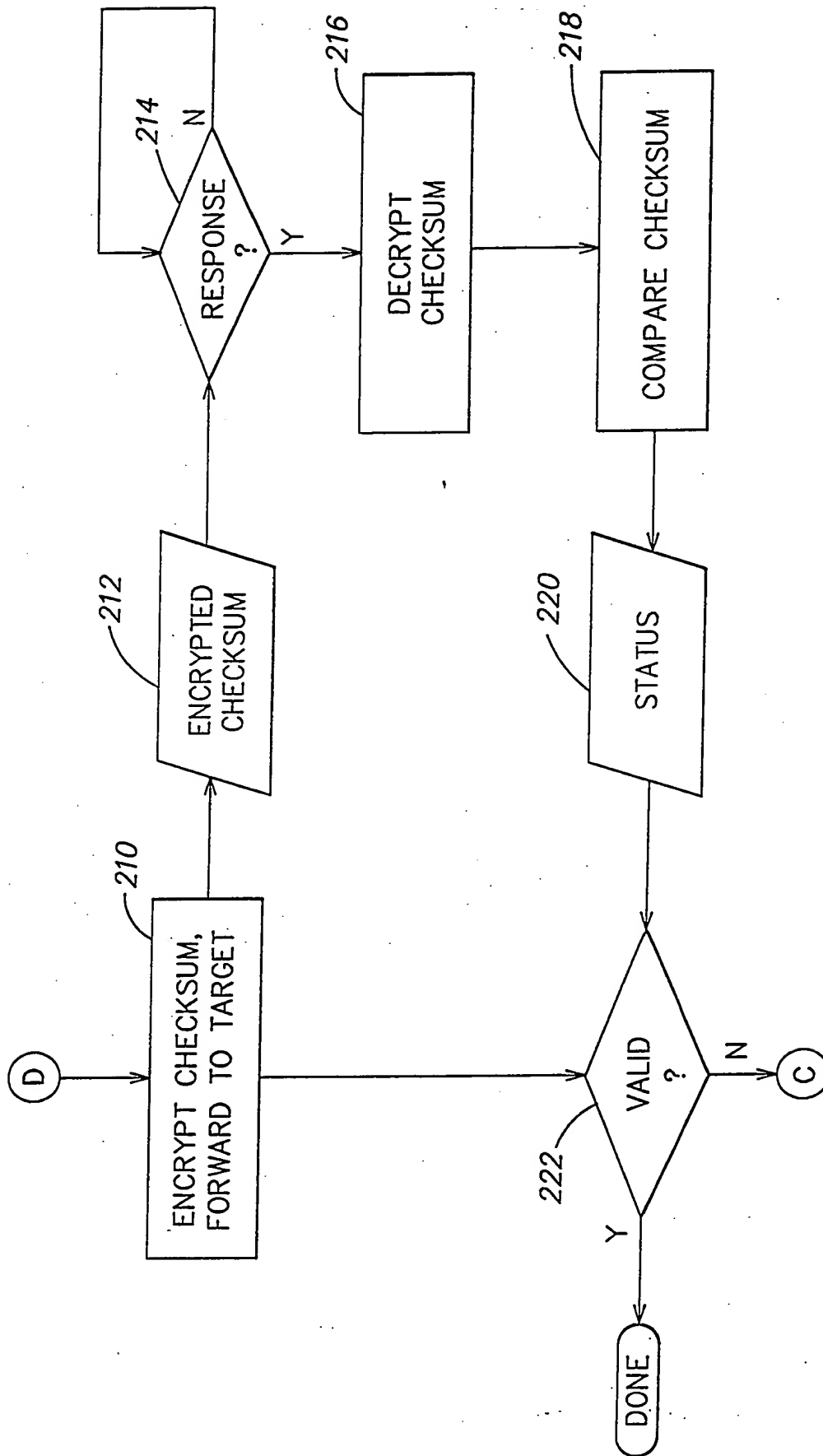


FIG. 9





(FIG. 8a)

FIG. 11

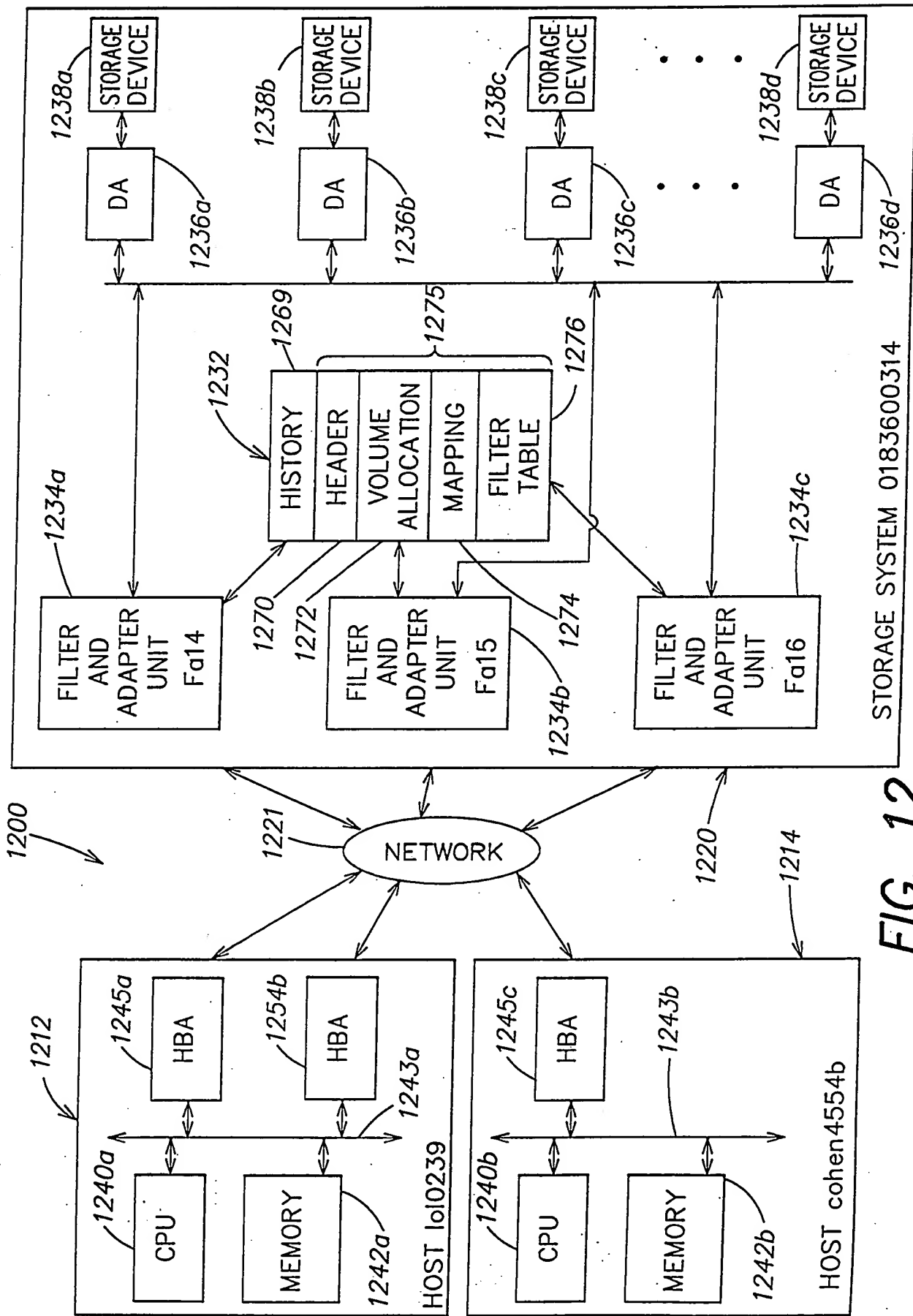


FIG. 12

STORAGE SYSTEM 0183600314

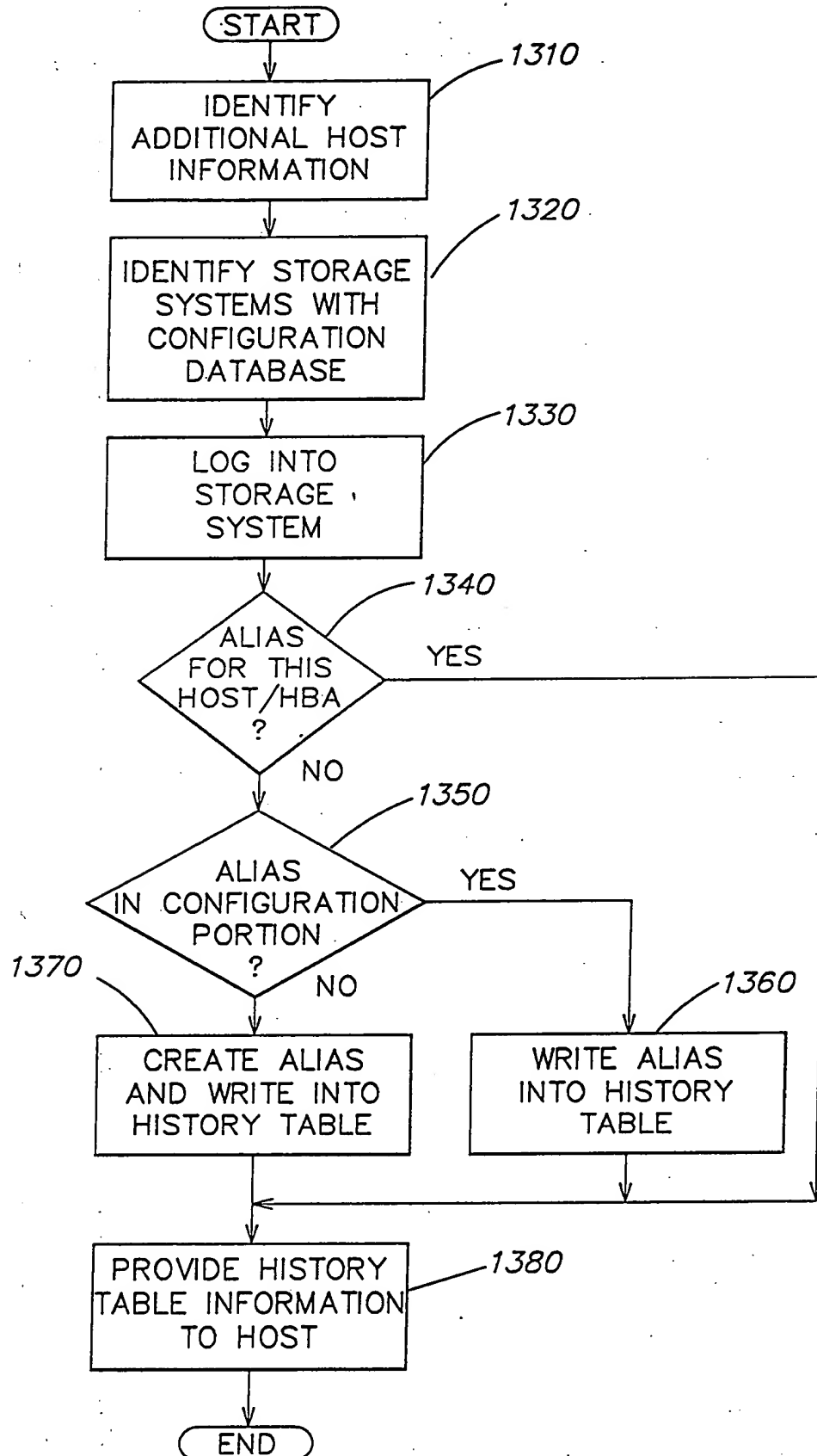


FIG. 13

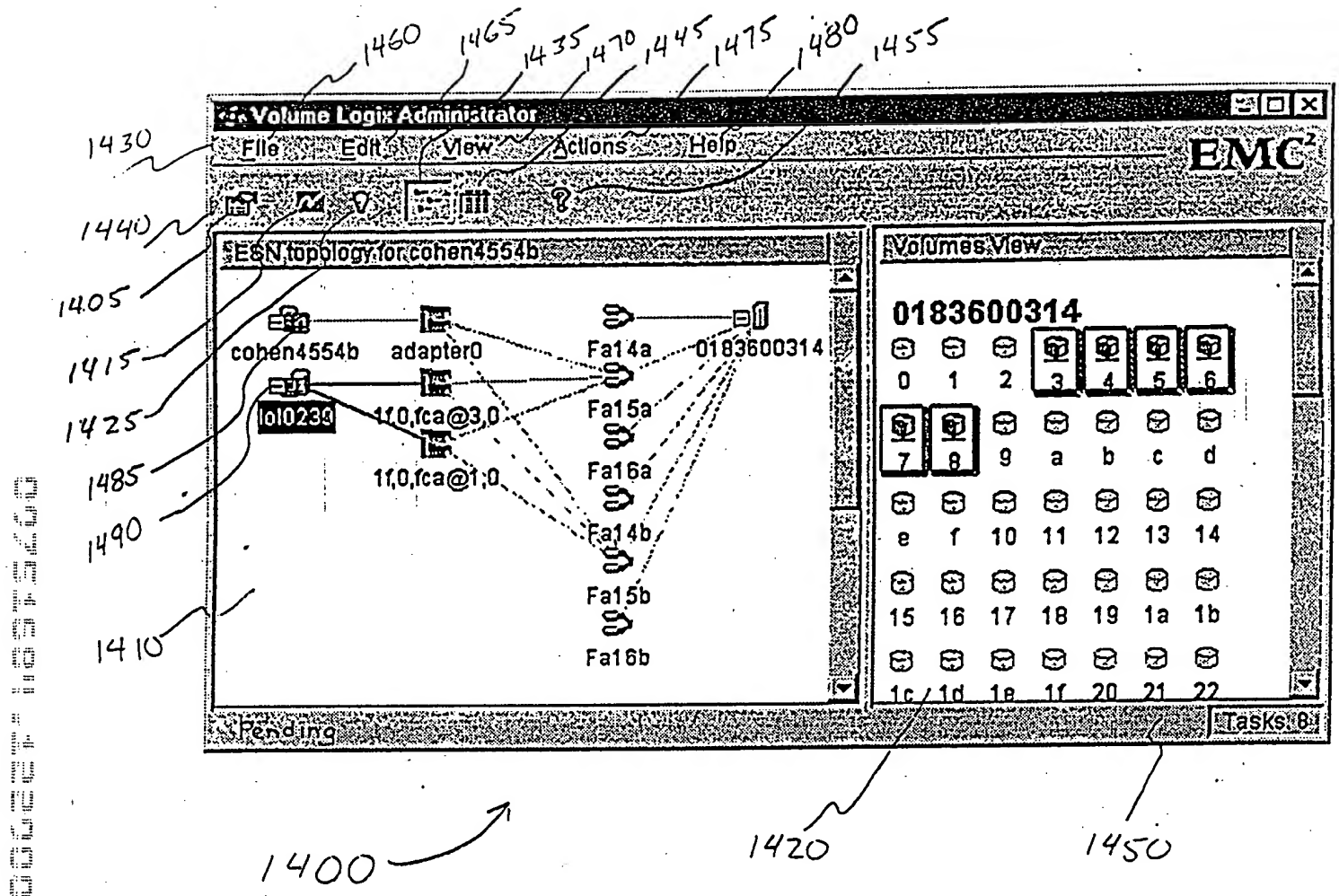


Fig. 14














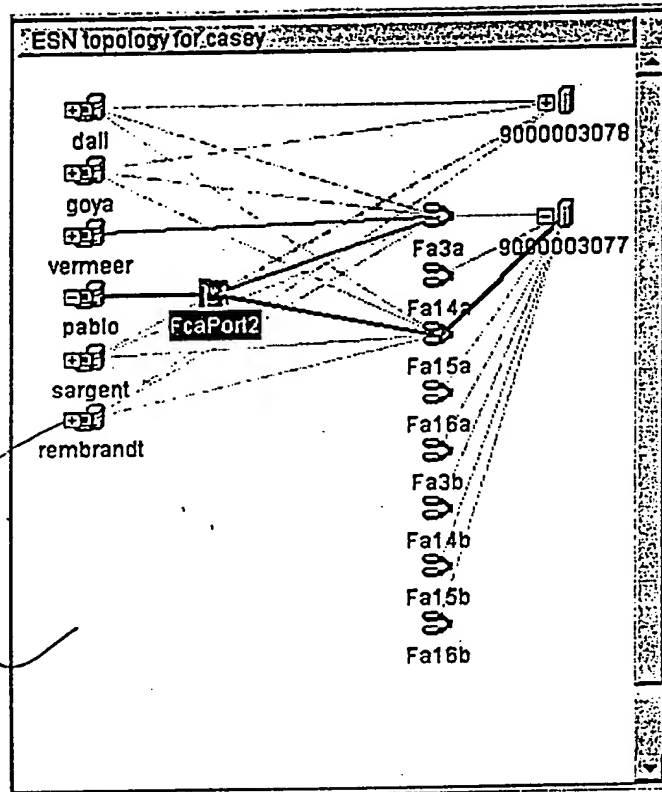
|        |   |                                       |
|--------|---|---------------------------------------|
| 1505 ~ |    | Storage System                        |
| 1510 ~ |    | Storage Port                          |
| 1515 ~ |    | Host Processor                        |
| 1520 ~ |    | Administrator Host Processor          |
| 1525 ~ |    | Host Bus Adapter                      |
| 1530 ~ |    | Storage Volume                        |
| 1535 ~ |   | Assigned Storage Volume               |
| 1540 ~ |  | Shared, Assigned Storage Volume       |
| 1545 ~ |  | Configuration Database Storage Volume |
| 1550 ~ |  | Mirrored Storage Volume               |
| 1555 ~ |  | Concatenated Storage Volume           |

Fig. 15

| Volumes | Capacity | Symmetry   | Sym. Ports   | Owners             |
|---------|----------|------------|--------------|--------------------|
| 0       | 0.0      | 9000003077 | Fa3a, Fa15a  | sargent.FcsPort0   |
| 1       | 0.0      | 9000003077 | Fa3a         | sargent.FcsPort0   |
| 2       | 0.0      | 9000003077 | Fa3a         | sargent.FcsPort0   |
| 3       | 0.0      | 9000003077 | Fa3a, Fa16b  | sargent.FcsPort0   |
| 4       | 0.0      | 9000003077 | Fa3a         | sargent.FcsPort0   |
| 5       | 0.0      | 9000003077 | Fa3a         | None               |
| 6       | 0.0      | 9000003077 | Fa3a         | None               |
| 7       | 0.0      | 9000003077 | Fa3a         | vermeer.fcs@2.0... |
| 8       | 0.0      | 9000003077 | Fa15a        | sargent.FcsPort0   |
| 9       | 0.0      | 9000003077 | Fa15a        | sargent.FcsPort0   |
| a       | 0.0      | 9000003077 | Fa15a        | None               |
| b       | 0.0      | 9000003077 | Fa15a        | None               |
| c       | 0.0      | 9000003077 | Fa15a        | None               |
| d       | 0.0      | 9000003077 | Fa15a        | None               |
| e       | 0.0      | 9000003077 | Fa15a        | None               |
| f       | 0.0      | 9000003077 | Fa15a        | None               |
| 18      | 0.0      | 9000003078 | Fa15b        | None               |
| 19      | 0.0      | 9000003078 | Fa15b        | None               |
| 1a      | 0.0      | 9000003078 | Fa15b        | None               |
| 1b      | 0.0      | 9000003078 | Fa15b        | None               |
| 1c      | 0.0      | 9000003078 | Fa15b        | None               |
| 1d      | 0.0      | 9000003078 | Fa15b        | None               |
| 1e      | 0.0      | 9000003078 | Fa14b, Fa15b | None               |
| 1f      | 0.0      | 9000003078 | Fa14b, Fa15b | None               |
| 20      | 0.0      | 9000003078 | Fa14b, Fa15b | None               |

1620

Fig. 16



1715

1710

Fig. 17

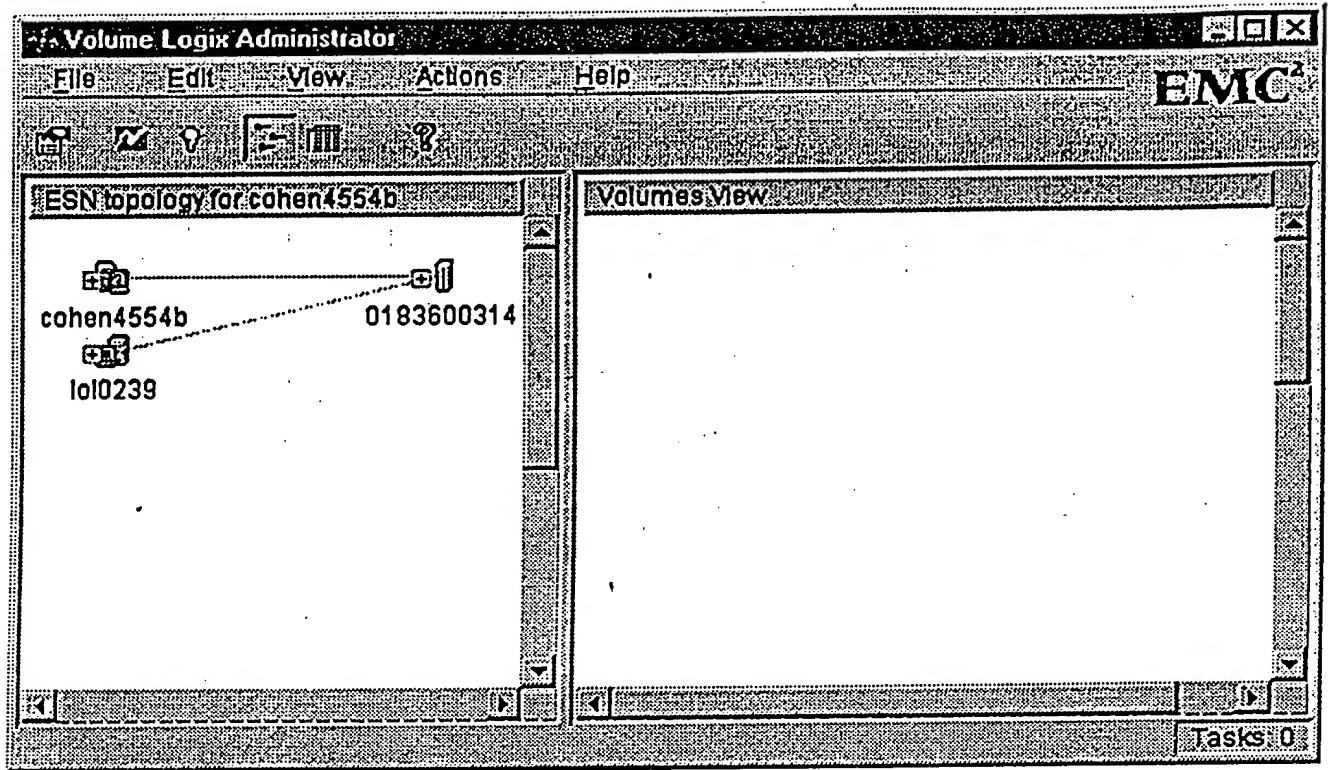
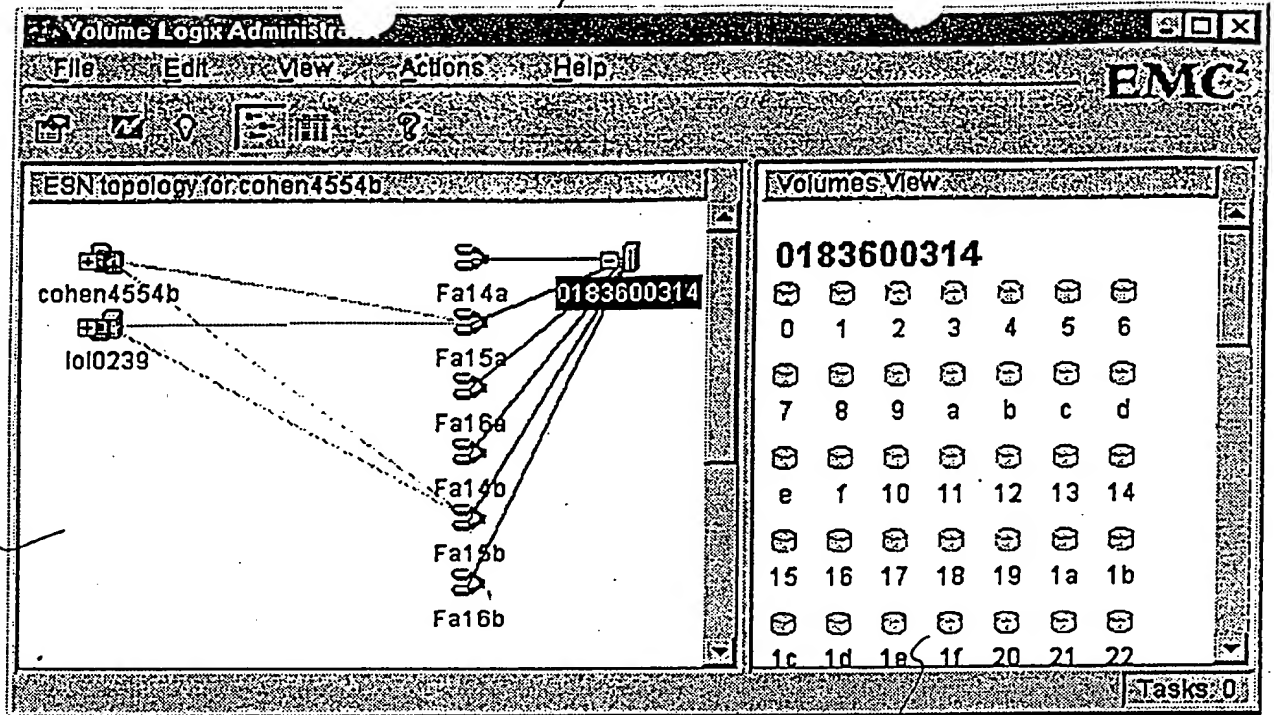


Fig. 18

1800 ↗



1910

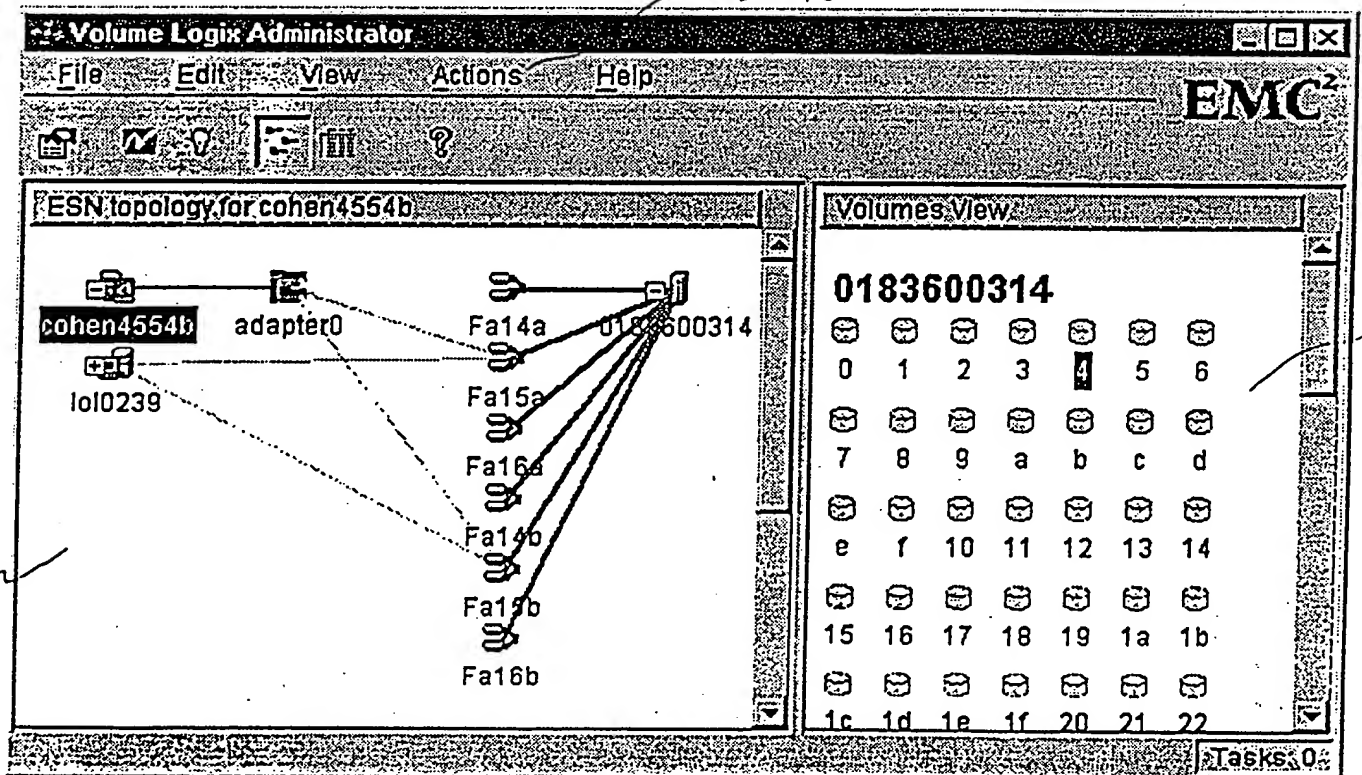
1900

Fig. 19

1920

Fig. 20

2075



2010

2020

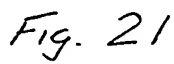


Fig. 21

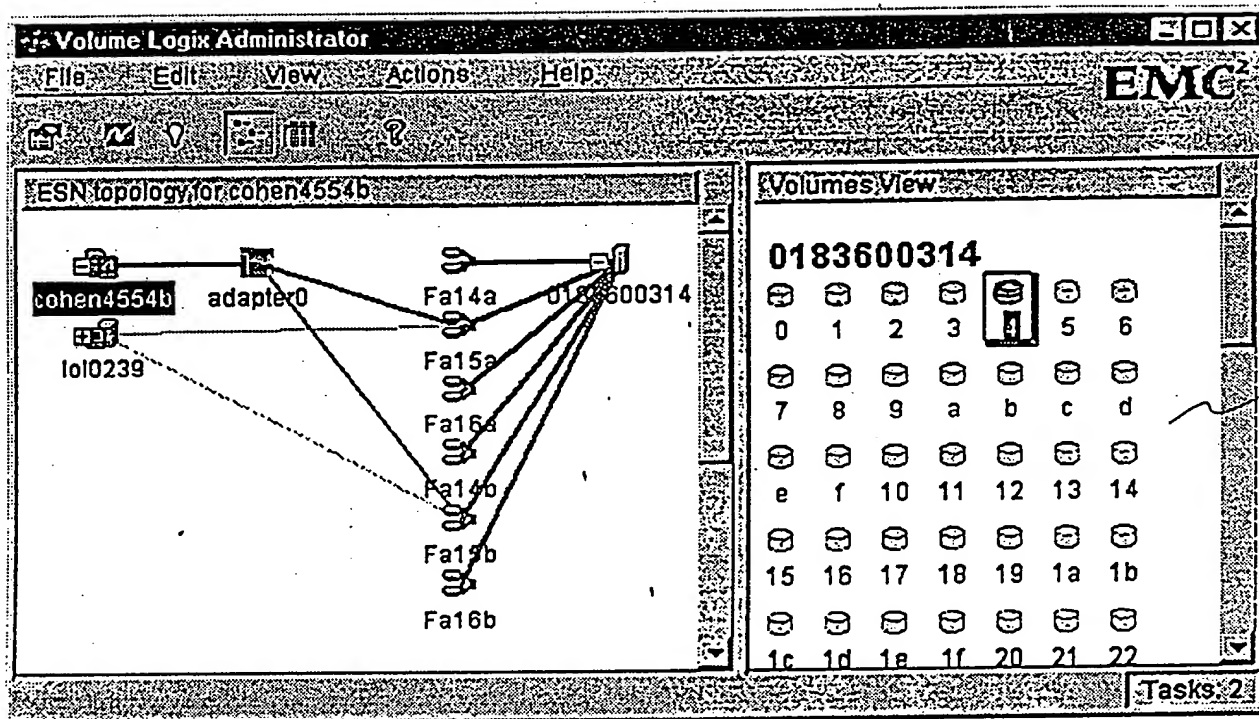


Fig. 22

2200

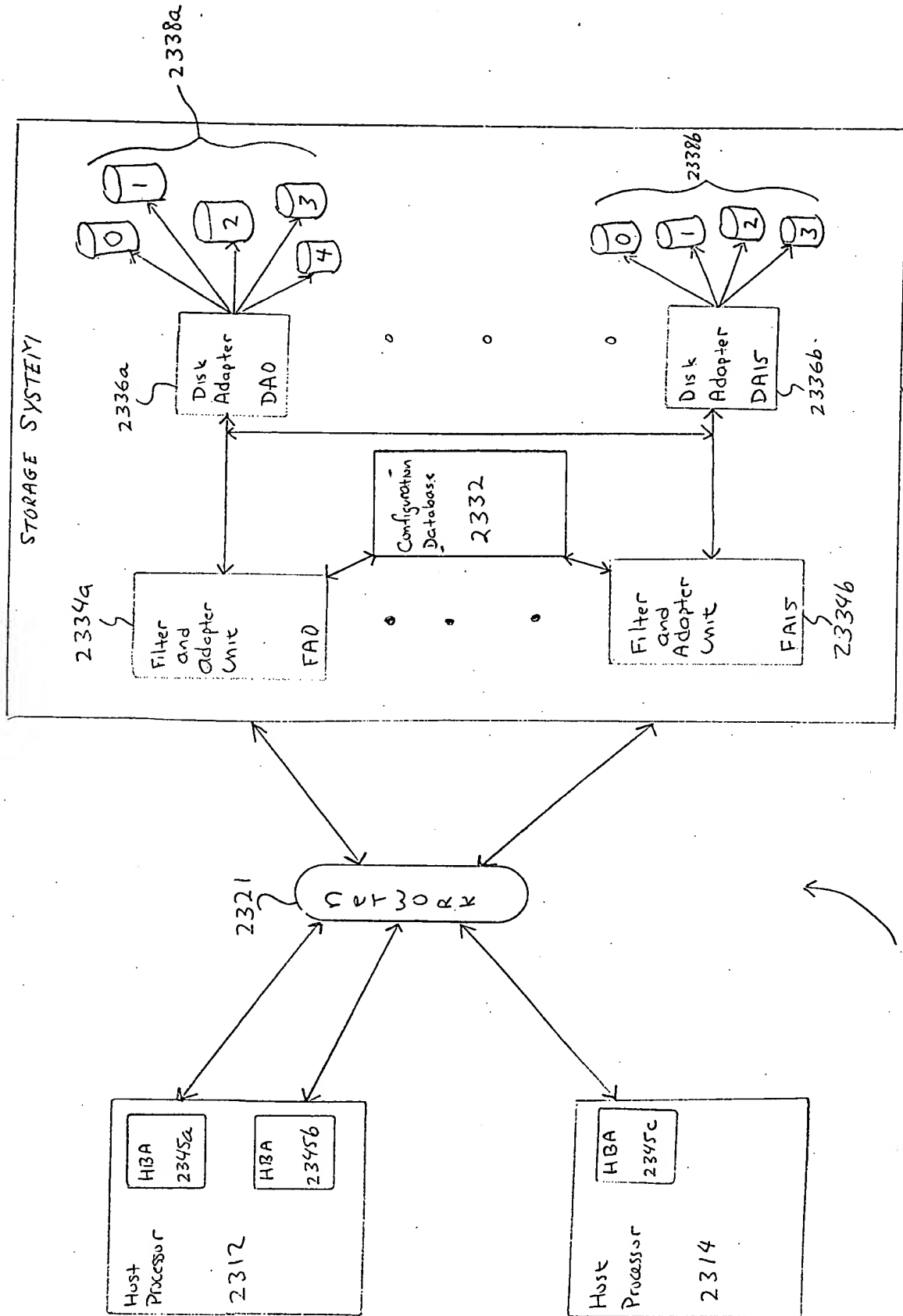


Fig. 23



2476  
↓

|         |     |      |            |       |
|---------|-----|------|------------|-------|
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476a |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476b |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476c |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476d |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476e |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476f |
|         |     |      |            | .     |
|         |     |      |            | .     |
|         |     |      |            | .     |
|         |     |      |            |       |
|         |     |      |            |       |
| HBA WWN | VVI | FLAG | LUN BITMAP | 2476n |

Fig. 24

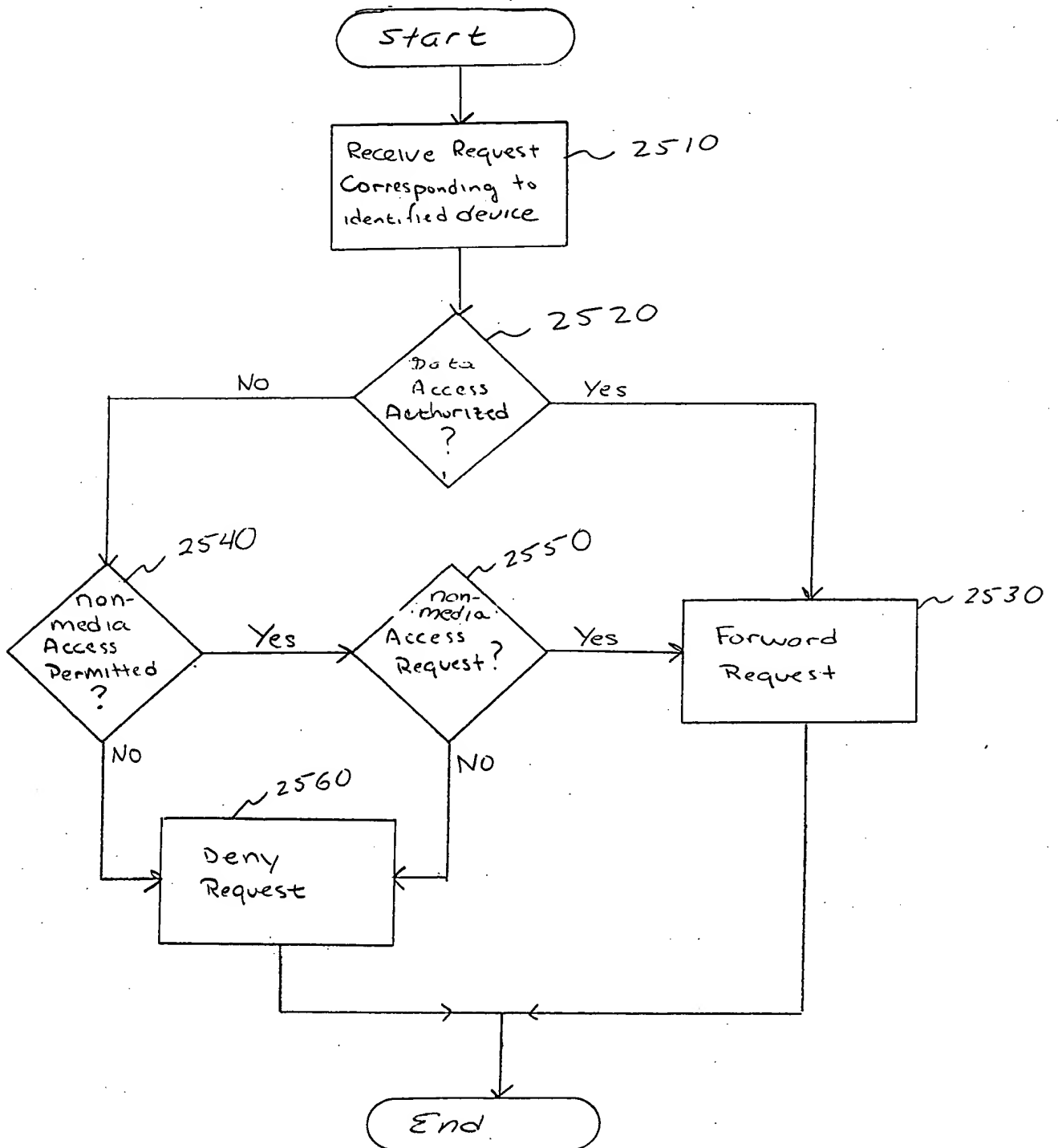


Fig 25

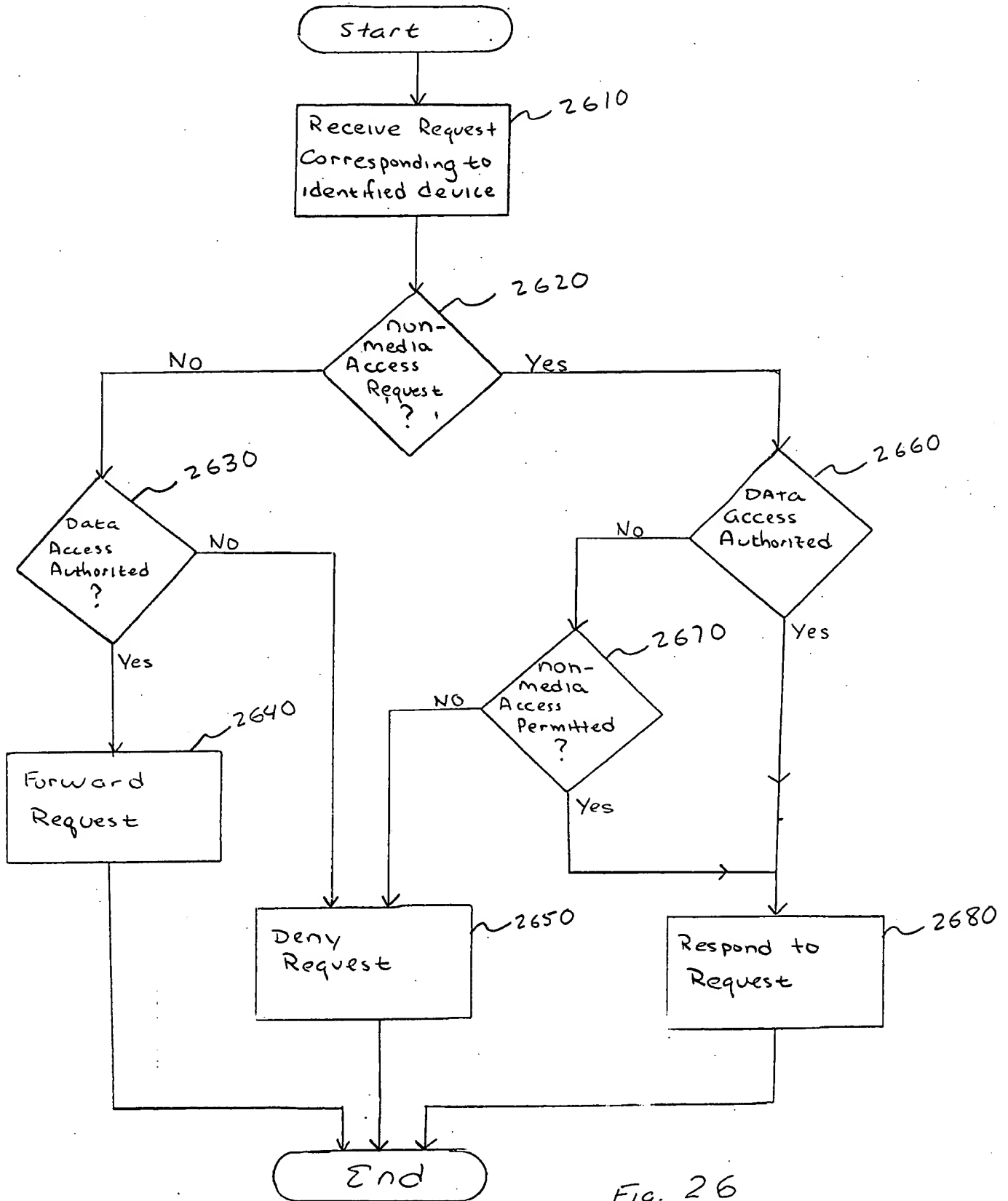


Fig. 26